



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Colloca, Stefano

Serial No. 09/831,182

Filed: July 18, 2001

For: CELLS FOR THE PRODUCTION OF HELPER
DEPENDENT ADENOVIRAL VECTORS

Art Unit: 1648

Examiner: Winkler, U.

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97

Sir:

1. In compliance with 37 C.F.R. 1.97, submitted on the attached form herewith is a list of patents, publications or other information which are requested to be made of record in this application. This Information Disclosure Statement is not an admission that any patent, publication or other information referred to herein is "prior art" for this invention. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).
2. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.
3. Applicants respectfully request that the Examiner initial the attached form after reviewing the pertinence of each reference.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

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By

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July 10, 2003

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4. Except for Cite Nos. _____, copies of the references listed on the attached form are not enclosed because they have been submitted to or cited by the Office in a related application as follows:

RELATED APPLICATION		
U. S. SERIAL NUMBER	FILING DATE	MERCK CASE

upon which the instant application relies for an earlier filing date under 35 U.S.C. 120. Therefore, pursuant to 37 C.F.R. 1.98(d), copies of these references are not enclosed herewith. If this is inconvenient, additional copies will be submitted upon request.

5. In accordance with 37 C.F.R. 1.97, (check one)

- ☐ the attached information is filed within three months of the filing date of the captioned case.
- ☐ the attached information is filed more than three months after the filing date but prior to the mailing of a first Office Action on the merits.
- ☒ the attached information is being filed more than three months after the filing date and after the mailing of a first Office Action on the merits, but before the mailing date of a Final Action or Notice of Allowance. The enclosed authorization is therefore given to charge Deposit Account No. 13-2755 for the fee required under 37 C.F.R. 1.17(p).
- ☐ the undersigned certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.
- ☐ the undersigned certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated under 37 C.F.R. 1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



By: Anna L. Cocuzzo

Attorney _____ For Applicant(s)

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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

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of

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COMPLETE IF KNOWN

Application Number	09/831,182
Filing Date	July 18, 2001
First Named Inventor	Colloca, Stefano
Group Art Unit	1648
Examiner Name	Winkler, U.
Attorney Docket Number	ITR0056P

OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
		Baron, U. et al. "Co-regulation of two gene activities by tetracycline via a bidirectional promoter", Nucleic Acids Research, 1995, Vol. 23, pp. 3605-3606
		Brough, D. et al. "A Gene Transfer Vector-Cell Line System for Complete Functional Complementation of Adenovirus Early Regions E1 and E4", Journal of Virology, 1996, Vol. 70, pp. 6497-6501
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		Calos, M. "The potential of extrachromosomal replicating vectors for gene therapy", TIG, 1996, Vol. 12, pp. 463-466
		Calos, M. "Stability without a centromere", Proc. Natl. Acad. Sci. USA, 1998, Vol. 95, pp. 4084-4085
		Deuschle, U. et al. "Tetracycline-Reversible Silencing of Eukaryotic Promoters", Molecular and Cellular Biology, 1995, Vol. 15, pp. 1907-1914
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		Freundlieb, S. et al. "A Tetracycline Controlled Activation/Repression System with Increased Potential for Gene Transfer into Mammalian Cells", The Journal of Gene Medicine, 1999, Vol. 1, pp. 4-12
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		Krougliak, V. et al. "Development of Cell Lines Capable of Complementing E1, E4, and Protein IX Defective Adenovirus Type 5 Mutants", Human Gene Therapy, 1995, Vol. 6, pp. 1575-1586
		No, D. et al. "Ecdysone-inducible gene expression in mammalian cells and transgenic mice", Proc. Natl. Acad. Sci. USA, 1996, Vol. 93, pp. 3346-3351
		Parks, R. et al. "A helper-dependent adenovirus vector system: Removal of helper virus by Cre-mediated excision of the viral packaging signal", Proc. Natl. Acad. Sci. USA, 1996, Vol. 93, pp. 13565-13570

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STATEMENT BY APPLICANT

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Application Number 09/831,182

Filing Date July 18, 2001

First Named Inventor Colloca, Stefano

Group Art Unit 1648

Examiner Name Winkler, U.

Attorney Docket Number ITR0056P

COMPLETE IF KNOWN

OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
		Spencer, D. et al. "Conrolling Signal Transduction with Synthetic Ligands", Science, 1993, Vol. 262, pp. 1019-1024
		Wang, Y. et al. "A regulatory system for use in gene transfer", Proc. Natl. Acad. Sci. USA, 1994, Vol. 91, pp. 8180-8184
		Yang, Y. et al. "Cellular immunity to viral antigens limits E1-deleted adenoviruses for gene therapy", Proc. Natl. Acad. Sci. USA, 1994, Vol. 91, pp. 4407-4411
		Amalfitano, A. et al. "Production and Characterization of Improved Adenovirus Vectors with the E1, E2b, and E3 Genes Deleted", Journal of Virology, 1998, Vol. 72, pp. 926-933
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		Gao, G. et al. "Biology of Adenovirus Vectors with E1 and E4 Deletions for Liver-Directed Gene Therapy", Journal of Virology, 1996, Vol. 70, pp. 8934-8943
		Recchia, A. et al. "Site-specific integration mediated by a hybrid adenovirus/adeno-associated virus vector", Proc. Natl. Acad. Sci. USA, 1999, Vol. 96, pp. 2615-2620
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		Zhang, Y et al. "A new logic for DNA engineering using recombination in <i>Escherichia coli</i> ", Nature Genetics, 1998, Vol. 20, pp. 123-128

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